Personal System/2 Models N51 SLC and N51 SX

Business on a personal note

State-of-the-art design. IBM's two Personal System/2® notebook computers give you the power you need in a compact, easy-to-carry package. The PS/2® Model N51 SLC features a high-performance 16 MHz 386SLC microprocessor–the fastest in its class–with a high-density 80MB hard disk. The Model N51 SX–with a 16 MHz i386™ SX microprocessor–also delivers impressive performance but at a lower cost.

Easy to use. PS note offers more than just an elegant design, thanks to its 9.5-inch screen–larger than most popular notebook systems. Just as important, its IBM keyboard features full-sized, normally spaced alphanumeric keys and a keyboard touch you'll really appreciate. The PS note also features a full panel of power management and system status icons that remain visible even when the case is closed. Other key features include:

- 2MB standard memory
- System memory (10MB maximum)
- 80MB or 40MB of hard disk storage (with system partition)
- Reverse-video display switch
- Up to 8-10 hours of battery power from two standard batteries (3-4 hours) and optional External Rechargeable Power Pack (5-6 hours)
- Full complement of system status icons
- Optional communications cartridge

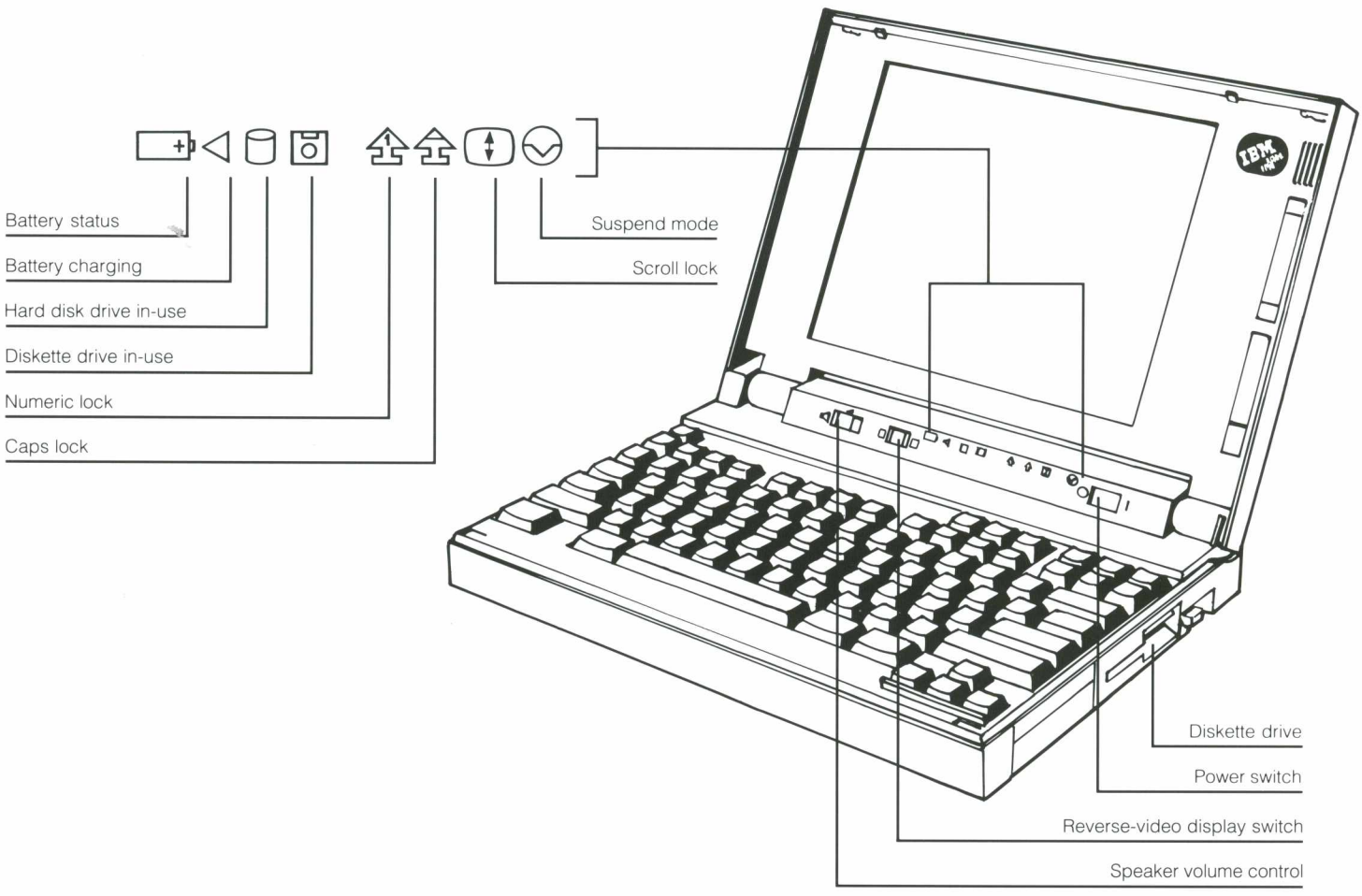
World-class service and support. The PS note gives you superb protection–like an international hardware warranty and toll-free telephone support in the U.S.[1] You also can receive on-site repair service for just $40 for the first year.

Feature	Benefit
16 MHz 386SLC microprocessor	• Delivers speed and power for advanced 32-bit applications
Small, lightweight design	• Allows you to carry the PS note in almost any carrying case • Enables you to use your notebook anywhere space is tight
Keyboard	• Gives you full-sized and normally spaced alphanumeric keys for easy typing • Has sloped angle for maximum keyboarding comfort
9.5-inch screen	• Provides a large, sharp viewing screen to display your work
Optional communications cartridge	• Makes your PS note part of your enterprise by allowing you to access information from host and LAN systems (Token Ring, 5250, 3270) • Takes up less room and is a lower-cost alternative to a docking station
Suspend/Resume	• Allows you to stop and restart applications simply by closing and then reopening your PS note–you can pick up exactly where you left off
Optional Data/ Fax modem	• Boosts your productivity by allowing you to send or receive documents over telephone lines
Auto-configurability	• Makes it easy to configure your PS note

PS/2 Models N51 SLC and N51 SX at work

Here are some of the ways you can put the PS note to work for you:

- Empower your sales force with the lightweight PS note
- View spreadsheet and desktop applications easily on your PS note's large, crisp screen
- Access information on a host system – and communicate with other users too – with an optional communications cartridge
- Run word processing, database applications and other programs
- Record notes at a presentation or briefing session, in the lab, at the library, or anywhere on campus
- Catch up on office work – or get a head start on upcoming projects – at home, on a train, or a plane
- Make your employees more productive on the road – without sacrificing compatibility with the applications and systems you have in-house
- Keep in touch with your office or clients with an optional Data/Fax Modem – it lets you send and receive documents and data over standard telephone lines



External Rechargeable Power Pack

Carrying Case

AC Adapter

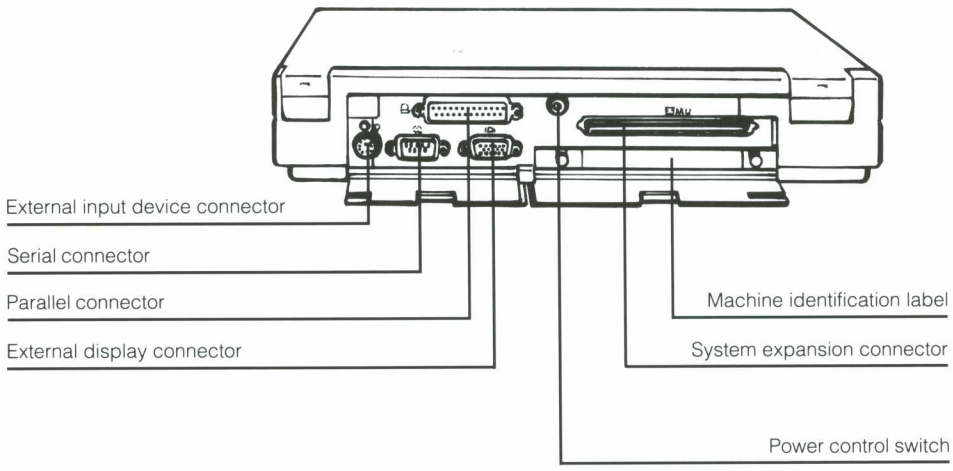
Battery

Options

	Part number
Connectivity/communications	
Serial Adapter (provides 2nd and RS232D port)	79F6800
Internal Data/Fax Modem (2400bps/9600bps)	94X2550
Communication Cartridge (3270, 5250, Token Ring)	07G2580
Power	
NiCd and NiMH Battery Packs	07G1753, 07G1754
Quick Charger (up to 1.5 hours)	07G1752
Car Battery Adapter	07G2004
External Rechargeable Power Pack	06G9600
Additional AC Adapter	07G1964
Other features	
Carrying Case (nylon)	07G1530
2MB, 4MB and 8MB memory modules	see matrix below
Numeric keypad	07G0032
Miniature mouse	07G0033

Memory matrix table

Standard memory on system board	2MB (80ns)
Maximum memory on system board	10MB
System board memory module options	2MB (0791826) 4MB (0791827) 8MB (0791828)
Number of memory module options that can be added on system board	1



IBM Personal System/2 Models N51 SLC and N51 SX Notebook at a glance

Machine numbers	**8551-033**	**8551-025**
Microprocessor	80386 SX	386SLC
Clock speed	16 MHz	16 MHz
Bus architecture	Micro Channel®	Micro Channel
Data path	16-bit	16-bit
Memory (RAM) (standard)	2MB (80ns)	2MB (80ns)
System maximum (on system board)	10MB	10MB
Integrated display	9.5-inch monochrome Supertwisted Nematic Liquid Crystal Display (STN LCD); VGA (640 x 480); 12:1 contrast ratio; 32 addressable gray scales	
Integrated functions	Video Graphics Array (VGA) with display port; serial port; parallel port; pointing device port; disk and diskette controllers; power management; reference disk on hard drive; Micro Channel bus expansion port; reverse video switch	
Power management	Suspend/Resume; sleep mode; battery discharge utility; non-disruptive battery exchange; internal quick charge (up to 1.5 hours)	
Other functions	Audio volume control; large pointer	
Internal diskette storage (standard)	3.5-inch 1.44MB	3.5-inch 1.44MB
Hard disk storage (standard)	40MB (19ms) (Includes partition)	80MB (17ms) (Includes partition)
Display modes		
Integrated display	VGA (includes all EGA, CGA and MCGA modes)	
Text	360 x 720 x 400; 9 x 16 pel character matrix; 80 columns x 25 rows; up to 16 gray shades	
APA Modes	320 x 200 x 32 gray shades; 640 x 480 x 32 gray shades; palette of 64 gray shades	
External displays	IBM Personal System/2 Color Displays 8512, 8514, 8515, 8516 and 8518; IBM Personal System/2 Monochrome Display 8504 and 8508	
Display modes	VGA (includes all EGA, CGA and MCGA modes)	
Text	360 x 720 x 400; 9 x 16 pel character matrix; 80 columns x 25 rows; up to 16 colors	
APA Modes	320 x 200 x 256 colors or 32 gray shades; 640 x 480 x 16 colors or gray shades; palette of 256,000 colors or 32 gray shades	
Keyboard	84 keys (full-size alphanumeric); embedded numeric keytop	
Power supply		
Standard	Two 1.5–2-hour batteries; internal charger; AC adapter (100-240 VAC, 50 or 60 Hz)	
Optional	NiCd and NiMH Battery Packs; Quick Charger; Car Battery Adapter; External Rechargeable Power Pack; AC Adapter; worldwide usage	
Operating systems	DOS 3.3, 4.0, 5.0, J5.02/V, Operating System/2® 1.30.1 and OS/2® 2.0	
Size	Approximately 2.1"H x 11.7"W x 8.3"D (43mm x 297mm x 210mm); 6.2 lbs. (2.8kg) including battery	
Warranty	One-year, international limited warranty; on-site service available as an option	

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